JOINI DECLARATION FOR PATENT APPLICATION

As the below named inventors, we hereby declare that:

No. 37,608, and Philip L. McGarrigle, Reg. No. 31395.

Our residence, post office address and citizenship are as stated below next to our names;

We believe we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is sought on the invention entitled "METHOD FOR DETECTING CHEMICAL INTERACTIONS BETWEEN NATURALLY OCCURRING BIO-POLYMERS WHICH ARE NON-DENTICAL BINDING PARTNERS"

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amended by a
Code of Fede
entor's certific le application
med 2. §119
nd, insofar as irst paragraph lations, §1.56
d
irst lati

Registration No. 34,628, Christopher R. Glembocki, Registration No. 38,800; Vern Norviel, Registration No. 32,483 Nancy J. DeSantis-Vannice, Registration

All correspondence and telephone communications should be addressed to Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597, telephone number (202) 508-9100, which is also the address and telephone number of each of the above listed attorneys.

٠.

We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature	Calrin & Quato	Date 28 52/16	
Full Name of First Inventor		Calvin First Given Name	F. Second Given Name
Residence	859 Cedro Way, Stanford, California 94305	That Office Hamb	Scoole Given Plants
Post Office	United States of America 859 Cedro Way, Stanford, California 94305		
Address	627 COULD TYRY, DWINDING CHINOTHIN 2772V2		
Signature		Date	
Full Name of Second Inve		Mark First Given Name	O. Second Given Name
	- · · · •		
Residence	1240 Martin Avenue. San Jose. CA 95126		
	United States of America		
Post Office Address	1240 Martin Avenue, San Jose, CA 95126		
Signature	Scott R. Mundy	Date 9/30/98	
Full Name of Third Invent		Scott	R
7.111.0 21.1 01.1	Family Name	First Given Name	Second Given Name
Residence	390 Merida Drive, Santa Barbara, California 94311	<u> </u>	
Citizenship_			
Post Office Address	390 Merida Drive, Santa Barbara, California 94311		
Signature		Date	
Fourth Inve	ntor Forman	Jonathan	E.
	Family Name	First Given Name	Second Given Name
Residence_	524 Shadow Court, San Jose, California 95129		
Citizenship	United States of America		
Post Office Address	524 Shadow Court, San Jose, California 95129		

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Signature		Date			
Full Name of First Inventor	Quate Family Name	Calvin First Given Name		F. Second Given Name	
Residence 859 Cedro V	Vay, Stanford, California 94305				
Citizenship United State Post Office	es of America				
Address 859 Cedro V	Vay, Stanford, California 94305				
Signature 1	e O Tulm	Date	OCTOR	1998	
Full Name of Second Inventor	Trulson	Mark		0.	
Second Bivonion	Family Name	First Given Name		Second Given Name	
Residence 1240 Martin	Avenue, San Jose, CA 95126				
Citizenship United State Post Office Address 1240 Martin	es of America Avenue, San Jose, CA 95126				
Signature		Date			
Full Name of Third Inventor	Manales Family Name	Scott		R	
	Family Name	First Given Name		Second Given Name	
Residence 390 Merida	Drive, Santa Barbara, California 94311			<u> </u>	
Citizenship United State	es of America				
Post Office Address 390 Merida	Drive, Santa Barbara, California 94311				
Signature Full Name of		Date			
Fourth Inventor	Forman Family Name	Jonathan First Given Name		E. Second Given Name	
Residence 524 Shadov	w Court, San Jose, California 95129				
Citizenship United State					
Post Office					
Address524 Shadow	Court, San Jose, California 95129				

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Signature		Date			
Full Name o		Calvin		F	
Litat Titaciito	Family Name	First Given Name		Second Given Name	
Residence	859 Cedro Way. Stanford, California 94305				
Citizenship_	United States of America				
Post Office Address	859 Cedro Way, Stanford, California 94305				
Signature		Date			
Full Name of Second Inve	f rtor Tulson			· "O	
Scotla Bive	rtor Trulson - Family Name	Mark First Given Name	··	Second Given Name	
Residence_	1240 Martin Avenue, San Jose, CA 95126				
Citizenship	United States of America				
Post Office	1240 Martin Avenue, San Jose, CA 95126				
Address	1240 Martin Avenue, San Jose, CA 93126	 			·
Signature		Date			
Full Name of Third Inven	tor Manales	Scott		R	
	Family Name	First Given Name		Second Given Name	
Residence_	390 Merida Drive, Santa Barbara, California 9431	1			
Citizenship_					
Post Office Address		•			
Addicss	570 Mellon Dilve, paring Dailonia, California 2421				
Signature_	sont ten	Datc	9/28/9	<u>\$</u>	
Full Name of Fourth Inve		Jonathan		E	
	Family Name	First Given Name		Second Given Name	
Residence_	524 Shadow Court, San Jose, California 95129				
	United States of America				
Post Office	524 Shedow Court San Tone California 95129				

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WASHINGTON, D.C. 20001-4597
(202) 508-9100

JOINT DECLARATION FOR PATENT APPLICATION

We believe we are the sought on the invention entitle OCCURRING BIO-POLYMER is attached her was filed on (if applicable was filed under the was fi	original, find METHOLS WHICH reto. June 16, et the Pater	and citizeush ret and joint in D FOR DET ARE NON-I	ip are as stated below no ventors of the subject m ECTING CHEMIÇAL 1	atter which is claimed INTERACTIONS BE PARTNERS, the speci- 19997.675, and water at the speci- 19997.675 and water at the speci-	IWEEN NATURALLY fication of which is amended on ication
We hereby state that we claims, as amended by any ame	e have rev ndment ref ge the duty	lewed and und errod to above	lerstand the contents of t	he above identified sp	ecification, including th
We hereby claim foreign or inventor's certificant listed behaving a filing date before that	clow and b	enefits under ave also ident	eign Application(s) Title 35, United States C ified below any foreign s ch priority is claimed:	ode, §119 of any forcig application(s) for pater	n application(s) for pater at or inventor's certificat
Социту	Applic	ation No.	Date of Filing (day month year).	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119
We hereby claim prior below:			s Provisional Appli , United States Code, §11		visional application lists
U.S. Provisional Applican	ion No.	(6	Date of Filing lay month year)		ty Claimed J.S.C. §119(e)(1)
We hereby claim the binsofar as the subject manter of manner provided by the first pinformation as defined in Title application and the national or	enefit unde each of the aragraph of 37, Code	r Title 35, Uni celaims of this of Title 35, Un of Federal Re	nited States Code, §112, gulations, §1.56(a) which	any United States applies sed in the prior United we acknowledge the	d States application in the dury to disclose materi
Application Serial N	ło.	a	Date of Filing Day, Month, Year)		- Patented, g, Abandoned
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And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	31,810	IWANICKI, John P.	34,628	PETERSON, Thomas L.	30,969
BANNER Donald W.	17,037	JACKSON, Thomas H.	29,608	POTENZA, Joseph M.	28,175
BANNER, Mark T.	29,888	KAGAN, Strab A.	32,141	PRATT, Thomas K.	37,210
BANNER Perocla I.	31,644	KATZ, Robert S.	36,402	RENK, Christopher J.	33,761
BECKETT, William W.	18,262	KLEIN, William J.	43,719	RESIS, Robert H.	32,168
BODNER, Jordan	42,338	KRAUSE, Joseph P.	32,578	RIVARD, Paul M.	43,446
BUROW, Scott A.	42,373	LINEK, Brest V.	29,822	SCHAD, Steve P.	32,550
CALLAHAN, James V.	20,095	MAGOON, Sumoet	41,769	SHOPLEY, Charles W.	28,042
CHANG, Steve \$	42,402	MALONE, Dale A	32,155	EKERPON, Joseph M.	29,864
COHAN, Gregory J.	40,959	MANNAVA, Asbak K.	45,301	SPAR, Elizabeth	45,123
COOPERMAN, Marc S.	34,143	McDERMOTT, Peter D.	29,411	STOCKLBY, D. J.	34,257
CURTIN, Joseph P.	34,571	McKEE, Christopher L.	32,384	VAN BS, J. Piotor	37,746
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DEMOOR Laura J.	39.654	MEDLOCK Nim L	29,673	WITCOFF, Sheldon W.	17,399
EVANS, Thomas L.	35,803	MEECE, Timothy C.	38,553	WOLFF, Kovin A.	42,233
FEDOROCHICO, Gary D.	35,509	MEEKER, Frederic M.	35,282	WOLFFE, Franklin D.	19,724
FISHER, Daniel E.	34,162	MILLER, Charles L.	43,805	WOLFFE, Susun A.	33,368
FISHER, William J.	32,133	MITRIUS, Innice V.	43,808	WRICHT, Bradley C.	38,051
GLEMBOCKI, Christopher R.	38,800	MORENO, Christopher P.	38,566	McCarriole, Phild L.	31,395
HANLON, Briza E.	40.449	NELSON, Jan O.	24,566	GONZALES, Ellen	44,128
HEMMENDINGER, LIST M.	42,653	NIEGOWSKI, Innes A.	28,331	NORVIEL, Ven	32,483
HILLMAN, Lisa	43,673	PATEL, Binal J.	42,065	ZHOU, Wei	44,419
HONG, Patricia E.	34,373	PATHAK, Ajay S.	38,266		
HOSCHEIT, Dale H.	19,090	PAYNE BLOVES. 6.	35,316		

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Signature		Date	
Full Name of First Inventor	Quate	Calvin	F.
	Family Name	First Given Name	Second Given Name
Residence Stanford, Californ	la	Citizenship_	United States of America
Post Office Address Ginzton	Laboratory, 450 Via	Palou, Stanford, California, S	
-			
Signature		Date	•
Full Name of First Inventor	Trulson	Mark	O.
- HOLD - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Family Name	First Given Name	Second Given Name
Residence San Jose, Californ	ia	Citizenship	United States of America
Post Office Address 1240		Jose, California, 95126	
Additional Inventor(s) name	d on next race.		
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BANNER & WITCOFF, LTD.			Attorney Docket No. 03848,74922
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Signature Seath W	lanalis	Date	8/22/00
Full Name of First Inventor	Manalis	Scott	R.
	Family Name	Pirat Given Nurse	Second Given Name
Residence Santa Barbara, California		Citizenship	United States of America
Post Office Address 390 Merida Dri	ve, Santa Barbara,	California, 94311	
D'		Dut	
Signature		Datc	
Full Name of First Inventor	Forman	Jonathan	Б
	Family Numa	First Given Name	Second Given Name
Residence San Carlos, California		Citizenship	United States of America
Post Office Address 1946 Lupin We	y, San Carlos, Cali	fornia, 94070	



As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names:

		on and clinicals	und are as stated below I	lext to our names;	
OCCURRING BIO-POLYME is attached h was filed or (if applicat was filed und No.	RS WHIC ereto. n <u>June 16</u> ble). der the Pat	HARE NON- 1998 as Apent Cooperationled	DENTICAL BINDING pplication Serial Number Treaty (PCT) and acco	orded International App	ification of which as amended on lication if any).
We hereby state that claims, as amended by any ame	we have re endment re	viewed and un eferred to abov	derstand the contents of e.	the above identified sp	ecification, including th
We hereby acknowled Code of Federal Regulations, §	lgc the dut 1_56(a).	y to disclose in	nformation which is mate	rial to patentability in	accordance with Title 37
We hereby claim forei or inventor's certificate listed b having a filing date before that	CIOM STITE	benefits under have also ideni	コカもの ひとしかい タカヤ もっっっつつ	20de \$110 05	n appliostion(s) for paten at or inventor's certificat
Country	Appli	cation No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119
	ty benefits	under Title 35	s Provisional Appli , United States Code, §11 Date of Filing	19(e)(1) of any U.S. pro	visional application lister
U.S. Provisional Applicati	on No.		ay month year)	Under 35 U	.S.C. §119(e)(1)
60/049,707			June 16, 1997		Yes
We hereby claim the be nsofar as the subject matter of a nanner provided by the first pa nformation as defined in Title application and the national or F	nefit unde sach of the gragraph o 37. Code	r Title 35, Unit claims of this of Title 35, Un of Pederal Re	application is not disclosited States Code, §112,	any United States applicated in the prior United	
Application Serial N	0,	(D)	Date of Filing ay, Month, Year)		- Patented, Abandoned

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to proscente this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

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BANNER, Mark T.	29,888	KAGAN, Sarah A.	32,141	PRATT. Thomas K.	37,210
BANNER, Pamola L	33 ,644	KATZ, Robert S.	36,402	RENK, Cluislopher J.	33,761
BECKETT, William W.	18,262	KLEIN, William J.	43,719	RESIS, Robert H.	32,168
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FEDOROCHKO, Gary D.	35,509	MEEKER, Frederic M.	35,282	WOLFFE Franklin D.	19,724
FISHER Daniel E.	34,162	MILLER, Charles L.	43,805	WOLFFE, Susan A.	33,568
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HOSCHEIT, Dale H.	19,090	PAYNE, Stoven S.	35,316		

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Pamela I. Banner

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Signature		Date_	
Full Name of First Inventor	Quate	Calvin	F.
	Family Name	First Given Name	Second Given Name
Residence Stanford, California	1	Citizenship	United States of America
Post Office Address Ginzton I	aboratory, 450 Via Palou,	Stanford, California, 943	05-4085
Signature	D Tulson Trulson	Datc	23 Aug 2000
	Family Name	Pinst Given Name	Second Given Name
Residence San Jose, California	<u> </u>	Citizenship	United Spaces of America
Post Office Address 1240 N	Martin Avenue, San Jose, C	alifornia, 95126	

Additional Invantor(s) named on next page.

Aug-23-00 01	:07pm	From-
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Signature		Date		
Full Name of First Inventor	Manalis	Scott		
Residence Santa Barbara, Californi Post Office Address 390 Merida	Family Numo	First Given Name	Second Given Name United States of America	
Signature				
Signature	Forman	Date		

JOINT DECLARATION FOR PATENT APPLICATION

As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No	ent is LLY
We hereby state that we have reviewed and understand the contents of the above identified specification, including claims, as amended by any amendment referred to above. We hereby acknowledge the dury to disclose information which is material to patentability in accordance with Title Code of Federal Regulations, §1.56(a). Prior Foreign Application(s) We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate before that of the application on which priority is claimed: Date of Filing Prior United States Provisional Application(s) We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application lists.	
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Country Application No. (day inputh year) /(day month year) \$119 Prior United States Provisional Application(s) We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application li	atent ficate
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below;	isted
U.S. Provisional Application No. (day month year) Under 36 U.S.C. \$119(c)(1)	
60/049,707 June 16, 1997 Yes	\dashv
Prior United States Application(s) We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose mate information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the papplication and the national or PCT international filing date of this application. Date of Filing Status - Patented Pending, Abandoned	n the terial

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

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34,373	PATHAK, Ajay S.	38,266		
19,090	PAYNE, Steven S.	35,316		
	17,037 29,888 33,644 18,262 42,338 42,373 20,095 42,402 40,959 34,143 34,571 39,504 33,654 33,654 35,509 34,162 32,133 38,800 40,440 42,653 43,673 34,373	17,037 JACKSON, Thomas H. 29,888 KAGAN, Sarah A. 33,644 KATZ, Robert S. 18,262 KLEIN, William J. 42,338 KRAUSE, Joseph P. 42,373 LINEK, Etnest V. 20,095 MAGOON, Surneel 42,402 MALONE, Dale A. 40,959 MANNAVA, Ashok K. 34,143 MADERMOTT, Peter D. 34,571 McKill, Christopher L. 39,504 McKill, Edward F. 39,654 MEDLOCK, Nima L. 35,805 MEECE, Timothy C. 35,805 MEECE, Timothy C. 35,805 MIEKER, Fraderic M. 34,162 MILLER, Chartes L. 32,133 MITRIUS, Janico V. 38,800 MORENO, Christopher P. 40,449 NELSON, Jon O. 42,653 NIEGOWSKI, James A. 43,673 PATEL, Bind J. 34,173 PATHAK, Ajoy S.	17,037	17,037

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We hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and bolief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thercon.

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It idente of Luschinstror	Pamily Name	First Given Name	Second Given Name
sidence Stanford, Californ		Citizenship	United States of America
et Office Address Ginzton	Laboratory 450 Via P	alou, Stanford, California 94	
ena ture		Date	
gnature	Trulson	Date	0.
	Trulson Family Namo		O_ Second Given Name
Il Name of First Inventor	Family Nuno	Mark	
Il Name of First Inventor_ asidence San Jose Californ	Family Nuno	Mark Firu Glven Neme Citizenship	Second Given Name

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-	Family Name	Flat Given Name	Second Given Namo
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Post Office Address 1046 Tami	n Way San Carlos Cali	formia 94070	

JOINT DELARATION FOR PATENT APPLICATION

As the below named inventor, we hereby declare that:

Our residence, post office address and citizenship are as stated below next to our names;

Waha	ligger we greathe original first and joint insentence of the subject matter which is also as 4.5 and 1.1.1
Webe	lieve we are the original, first and joint inventors of the subject matter which is claimed and for which a patent is
sought on the i	nvention entitled METHOD FOR DETECTING CHEMICAL INTERACTIONS BETWEEN NATURALLY
OCCURRING I	BIO-POLYMERS WHICH ARE NON-IDENTICAL BINDING PARTNERS, the specification of which
	is attached hereto.

was filed on June 16, 1998 as Application Serial Number 09/097,675, and was amended on __ (if applicable).

was filed under the Patent Cooperation Treaty (PCT) and accorded International Application No. ______, filed _____, and amended on _____ (if any).

We hereby state that we have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

We hereby acknowledge the duty to disclose information which is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56(a).

Prior Foreign Application(s)

We hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application No.	Date of Filing (day month year)	Date of Issue (day month year)	Priority Claimed Under 35 U.S.C. §119

Prior United States Provisional Application(s)

We hereby claim priority benefits under Title 35, United States Code, §119(e)(1) of any U.S. provisional application listed below:

U.S. Provisional Application No.	Date of Filing (day month year)	Priority Claimed Under 35 U.S.C. §119(e)(1)
60/049,707	June 16, 1997	Yes

Prior United States Application(s)

We hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, we acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Serial No.	Date of Filing (Day, Month, Year)	Status - Patented, Pending, Abandoned

BANNER & WITCOFF, LTD.

And we hereby appoint, both jointly and severally, as our attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys and agents, their registration numbers being listed after their names:

ALTHERR, Robert F.	31,810	IWANICKI, John P.	34,628	PETERSON, Thomas L.	30,969
BANNER, Donald W.	17,037	JACKSON, Thomas H.	29,808	POTENZA, Joseph M.	28,175
BANNER, Mark T.	29,888	KAGAN, Sarah A.	32,141	PRATT, Thomas K.	37,210
BANNER, Pamela I.	33,644	KATZ, Robert S.	36,402	RENK, Christopher J.	33,761
BECKETT, William W.	18,262	KLEIN, William J.	43,719	RESIS, Robert H.	32,168
BODNER, Jordan	42,338	KRAUSE, Joseph P.	32,578	RIVARD, Paul M.	43,446
BUROW, Scott A.	42,373	LINEK, Ernest V.	29,822	SCHAD, Steve P.	32,550
CALLAHAN, James V.	20,095	MAGOON, Sumeet	43,769	SHIFLEY, Charles W.	28,042
CHANG, Steve S	42,402	MALONE, Dale A.	32,155	SKERPON, Joseph M.	29,864
COHAN, Gregory J.	40,959	MANNAVA, Ashok K.	45,301	SPAR, Elizabeth	45,123
COOPERMAN, Marc S.	34,143	McDERMOTT, Peter D.	29,411	STOCKLEY, D. J.	34,257
CURTIN, Joseph P.	34,571	McKEE, Christopher L.	32,384	VAN ES, J. Pieter	37,746
DAWSON, John R.	39,504	McKIE, Edward F.	17,335	WILLIAMS, Kathleen M.	34,380
DEMOOR, Laura J.	39,654	MEDLOCK, Nina L.	29,673	WITCOFF, Sheldon W.	17,399
EVANS, Thomas L.	35,805	MEECE, Timothy C.	38,553	WOLFF, Kevin A.	42,233
FEDOROCHKO, Gary D.	35,509	MEEKER, Frederic M.	35,282	WOLFFE, Franklin D.	19,724
FISHER, Daniel E.	34,162	MILLER, Charles L.	43,805	WOLFFE, Susan A.	33,568
FISHER, William J.	32,133	MITRIUS, Janice V.	43,808	WRIGHT, Bradley C.	38,061
GLEMBOCKI, Christopher R.	38,800	MORENO, Christopher P.	38,566	McGARRIGLE, Philip L.	31,395
HANLON, Brian E.	40,449	NELSON, Jon O.	24,566	GONZALES, Ellen	44,128
HEMMENDINGER, Lisa M.	42,653	NIEGOWSKI, James A.	28,331	NORVIEL, Vern	32,483
HILLMAN, Lisa	43,673	PATEL, Binal J.	42,065	ZHOU, Wei	44,419
HONG, Patricia E.	34,373	PATHAK, Ajay S.	38,266		
HOSCHEIT, Dale H.	19,090	PAYNE, Steven S.	35,316		

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Trulson	Mark	O.	
Trulson Family Name		O. Second Given Name	
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Signature		Date		
Full Name of First Inventor	Manalis	Scott	R.	
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Full Name of First Inventor	Forman	Jonathan	E.	
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First Named Inventor	Quate et. al.				
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		Wei Zhou			44,419					
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I am the:	I am the:									
Applicant/Inventor.										
Assignee of record of the entire interest. See 37 CFR 3.71.										
Certificate under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).										
SIGNATURE of Applicant or Assignee of Record										
Name	Barbara A. Caulfield									
Signature Duhrf Cantfold.										
Date Jan, 31, 2002										
NOTE: Signature's of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.										
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